09753170 · 040204

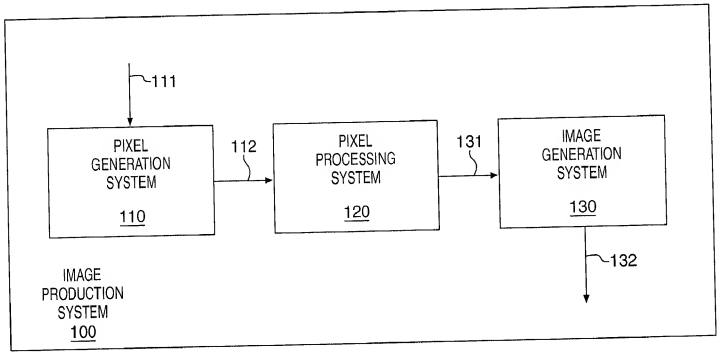


*FIG. 1*

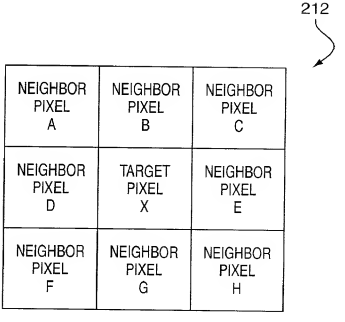


*FIG. 2*

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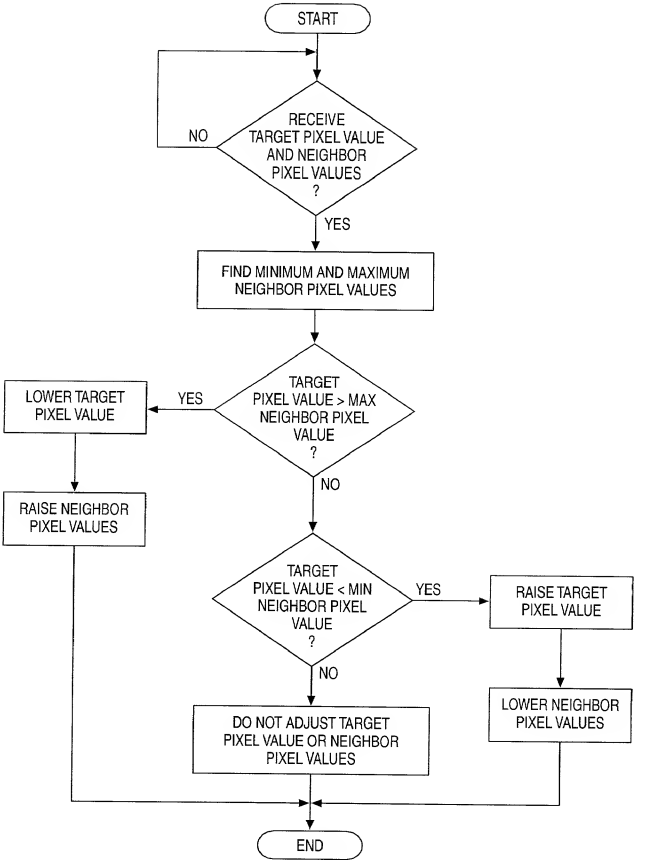
***FIG. 3***


START
RECEIVE TARGET PIXEL VALUE AND NEIGHBOR PIXEL VALUES ?
NO
YES
FIND MINIMUM AND MAXIMUM NEIGHBOR PIXEL VALUES
TARGET PIXEL VALUE > MAX NEIGHBOR PIXEL VALUE ?
YES
LOWER TARGET PIXEL VALUE
RAISE NEIGHBOR PIXEL VALUES
NO
TARGET PIXEL VALUE < MIN NEIGHBOR PIXEL VALUE ?
YES
RAISE TARGET PIXEL VALUE
LOWER NEIGHBOR PIXEL VALUES
NO
DO NOT ADJUST TARGET PIXEL VALUE OR NEIGHBOR PIXEL VALUES
END

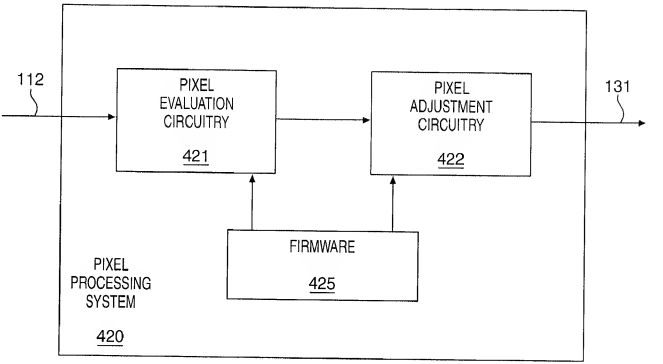

112
PIXEL
EVALUATION
CIRCUITRY
421
PIXEL
ADJUSTMENT
CIRCUITRY
422
131
FIRMWARE
425
PIXEL
PROCESSING
SYSTEM
420

*FIG. 4*

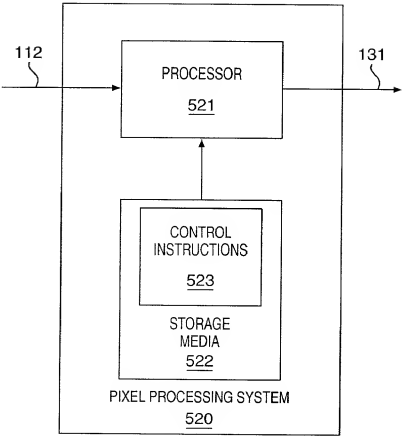

112
131
PROCESSOR
521
CONTROL
INSTRUCTIONS
523
STORAGE
MEDIA
522
PIXEL PROCESSING SYSTEM
520

*FIG. 5*